SAMSUNG DIGIT*all*
everyone's invited™
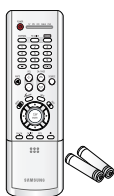
HL-P4667W/HL-P5067W/HL-P5667W/HL-P6167W
Quick Setup Guide

List of Parts

Accessories
Once you have unpacked your TV, check to make sure that you have all the parts shown here. If any piece is missing or broken, call your dealer.

Remote Control (BP59-00076A)/
AAA Batteries

Warranty Cards (2)/
Registration Card (1)

Instruction Manual/
Safety Guide/
Quick Guide/
Anynet Manual /
Manual Guide

Anynet Cable

Connecting VHF and UHF Antennas

If you do not have a cable system, you will need to connect an antenna to your TV.
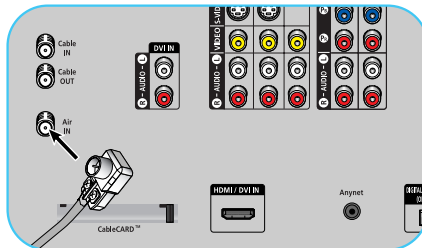
Antennas with 300-ohm Flat Twin Leads

If your antenna looks like this: it has 300-ohm flat twin leads.

1 Place the wires from the twin leads under the screws on the 300-75 ohm adaptor (not supplied). Use a screwdriver to tighten the screws.
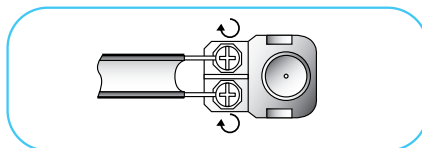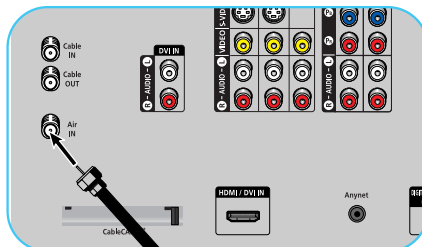
2 Plug the adapter into the "Air IN" terminal on the rear panel.

Antennas with 75-ohm Round Leads

If your antenna looks like this: it is an antenna with 75-ohm round leads.

1 Plug the antenna lead into the "Air IN" terminal on the rear panel.

Separate VHF and UHF Antennas

If you have two separate antennas for your TV (one VHF and one UHF), you must combine the two antenna signals before connecting the antennas to the TV. This procedure requires an optional combiner-adaptor (available at most electronics shops).

1 Connect both antenna leads to the combiner.
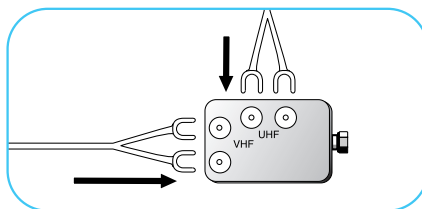
2 Plug the combiner into the "Cable IN" terminal on the rear panel.

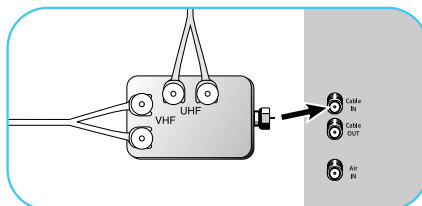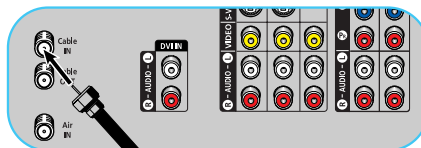# Connecting Cable TV and VCR

You can connect different cable systems to your TV, including cable without a cable box, and cable with a cable box that descrambles some or all channels.

Cable without a Cable Box
If you want to connect cable, and you do not need to use a cable box:

1 Plug the incoming cable into the "Cable IN" terminal on the rear panel.

Cable with a Cable Box that Descrambles All Channels

1 Find the cable that is connected to the ANTENNA OUT terminal on your cable box. This terminal might be labeled "ANT OUT", "VHF OUT" or simply, "OUT".

2 Connect the other end of this cable to the "Cable IN" terminal on the rear panel.
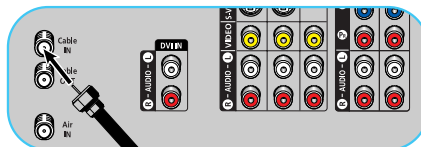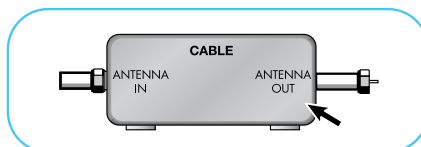
Connecting an Analog Cable Converter Box

This connection allows you to watch cable and premium channels. You should keep your TV selected to "Cable IN" so that you can use the TV features. When viewing premium channels, select "Air IN" and tune the TV to channel 3 or 4 (whichever channel is vacant in your area), then use the converter box to change channels. You will need two coaxial cables.
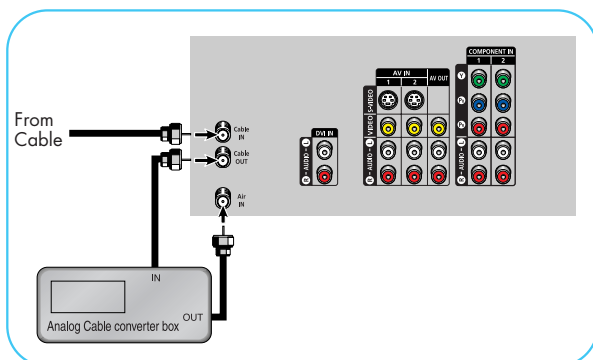
- When you use a converter box with your TV, there may be features that you can not program using the remote control, such as programming your favorite channels and blocking channels.
- The output from "Cable Out" is not available when "Air/CATV" is set to "Cable" in the PIP menu.

Connecting an Analog Cable Converter Box and a VCR

This connection allows you to watch and record basic and premium cable channels, as well as watch videotapes. You should keep your TV selected to "Cable IN" so that you can use the TV's features. When viewing premium channels or recording with the VCR, select "Air IN" (whichever channel is vacant in your area), then use the converter box to change channels.

Caution: If you want to record one channel while watching another channel, a splitter (not included) must be added between the cable and "Cable IN". One output of the splitter goes to "Cable OUT" and the second output is connected to IN on the cable converter box.

If you have a mono VCR, connect L/Mono to VCR Audio OUT using only one audio cable.

TV Rear Panel

From Cable

Analog Cable converter box

Stereo VCR

If you have an S-VHS VCR, use the S-Video connections and remove the video cable. Do not connect the video cable and the S-Video cable to video1 simultaneously.

When you use a converter box with your TV there may be features that you can not program using the remote control, such as programming your favorite channels and blocking channels.
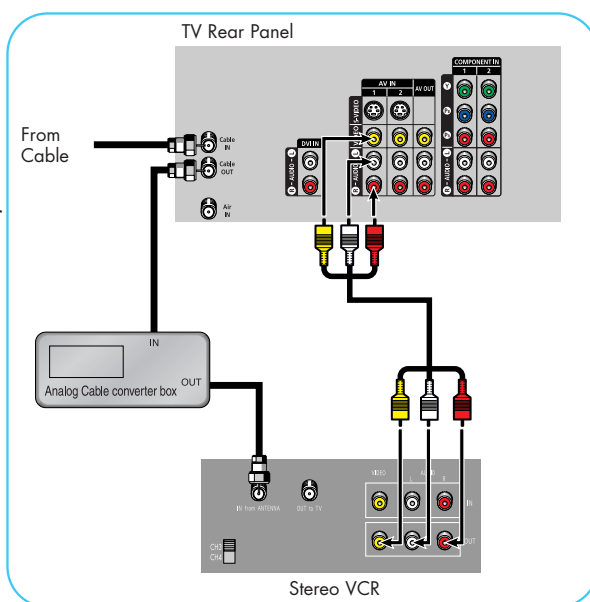
Connecting CableCARD

You must obtain a CableCARD from a local cable service provider.

1 Insert the CableCARD into the "CableCARD" slot and the message "CableCARD Inserted" is displayed on the screen. If the channel information does not already exist, the message "Updating Channel List" is displayed during channel information configuration.

2 The pairing information containing a telephone number, CableCARD ID, Host ID and other information will be displayed in about 2~3 minutes. If an error message is displayed, please contact your Service Provider.

3 When channel information configuration is finished, the message "Updating Completed" is displayed. It indicates that the channel list is now updated.

TV Rear Panel

Incoming Cable or Antenna

CableCARD™

Cable CARD™

Please insert the card as shown.
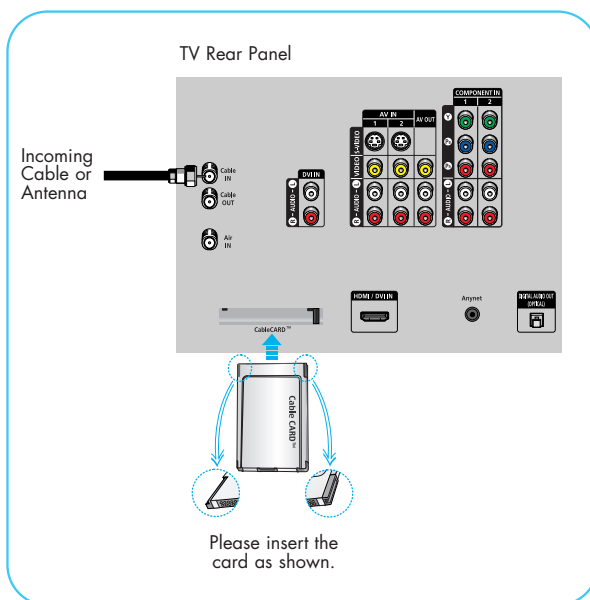
Connecting a Camcorder

The side panel jacks on your TV make it easy to connect a Camcorder to your TV.
You can use your camcorder to view tapes without using a VCR.

1 Locate the A/V output jacks on the camcorder. They are usually found on the side or back of the camcorder.

2 Connect a set of audio cables between the AUDIO IN jacks on the TV and the AUDIO OUT jacks on the camcorder. If you have a mono Camcorder, connect L(mono) to the Camcorder audio out using only one audio cable.

3 Connect a video cable between the VIDEO IN (or S-VIDEO IN) jack on the TV and the VIDEO OUT jack on the Camcorder. The audio-video cables shown here are usually included with a Camcorder. (If not, check your local electronics store.) If your Camcorder is stereo, you need to connect a set of two cables.
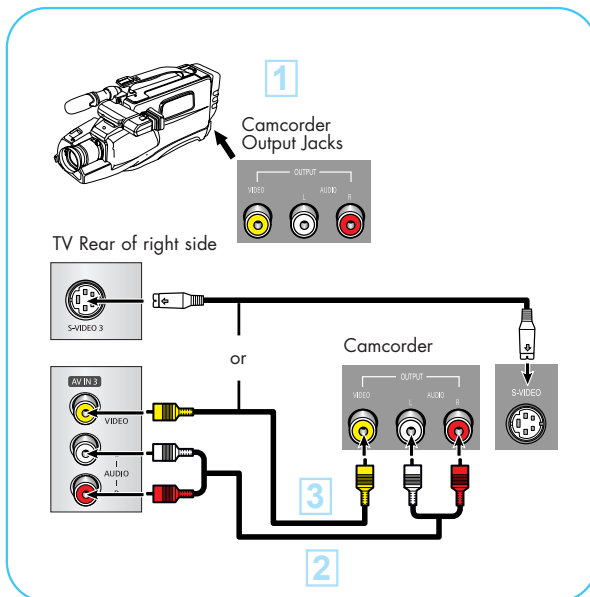
Connecting a DVD Player

The rear panel jacks on your TV make it easy to connect a DVD player to your TV.

Connecting to Y,P_B,P_R

1 Connect a set of audio cables between the COMPONENT (1 or 2) audio (L,R) in jacks on the TV and the AUDIO OUT jacks on the DVD player.

2 To enable Component video viewing, connect a set of video cables between the COMPONENT (1 or 2) VIDEO (Y, P_B, P_R) in jacks on the TV and VIDEO (Y/P_B/P_R or Y/C_B/C_R) OUT jacks on the DVD player.

Note: For an explanation of Component video, see your DVD player's owner's manual.
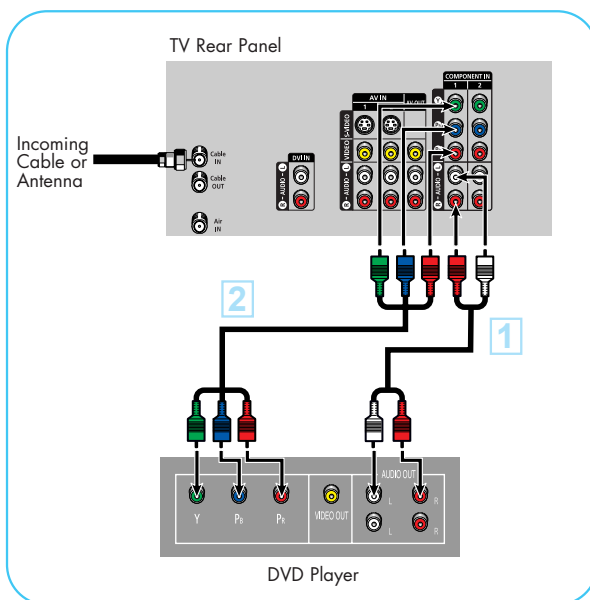
Connecting to Audio and Video Jacks

1 Connect a set of audio cables between the Audio in (1 or 2) jacks on the TV and the AUDIO OUT jacks on the DVD player.

2 Connect a video cable between the VIDEO IN (1 or 2) jack on the TV and the VIDEO OUT jack on the DVD player.

TV Rear Panel

Incoming Cable or Antenna

DVD Player
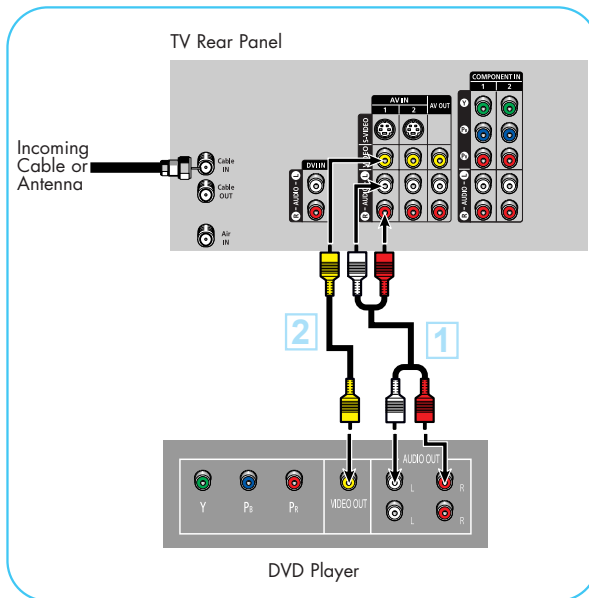
Connecting a DTV Set-Top Box

Connecting to Y,P$_B$,P$_R$

1 Connect a set of audio cables between the COMPONENT (1 or 2) audio (L,R) in jacks on the TV and the AUDIO OUT jacks on the Set-Top Box.

2 Connect a set of video cables between the COMPONENT (1 or 2) VIDEO (Y, P$_B$, P$_R$) in jacks on the TV and VIDEO (Y/P$_B$/P$_R$ or Y/C$_B$/C$_R$) OUT jacks on the Set-Top Box.
Note: For an explanation of Component video, see your Set-Top Box owner's manual.

TV Rear Panel

Incoming Cable or Antenna
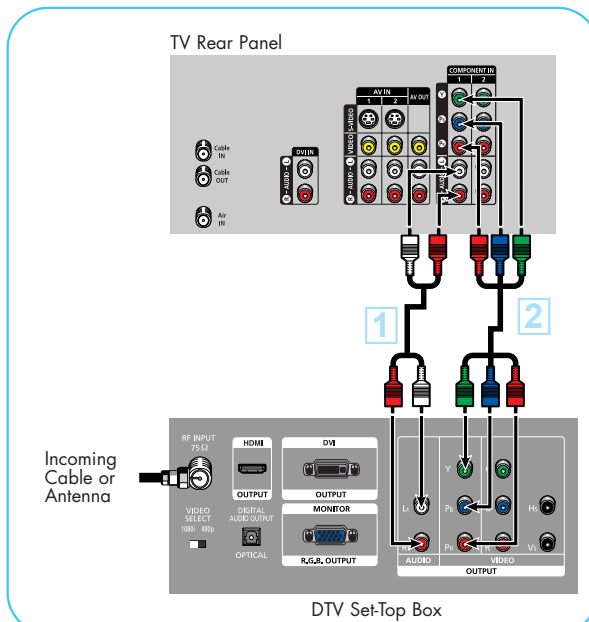
DTV Set-Top Box

Connecting to DVI (Digital Visual Interface)

1 Connect a set of audio cables between the DVI audio (L,R) in jacks on the TV and the AUDIO OUT jacks on the Set-Top Box.

2 Connect an HDMI/DVI video cable between the HDMI/DVI IN jack on the TV and the DVI OUT jack on the Set-Top Box.

✎ • Requires a Cable Converter.

TV Rear Panel

DTV Set-Top Box

Incoming Cable or Antenna
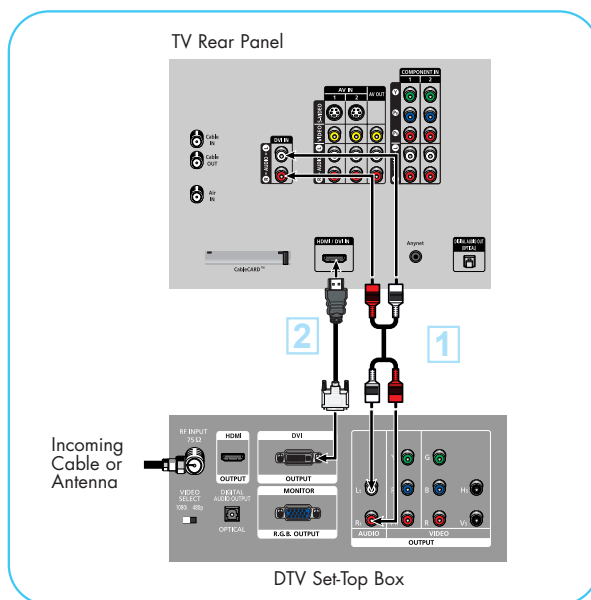
Connecting to HDMI (High Definition Multimedia Interface)

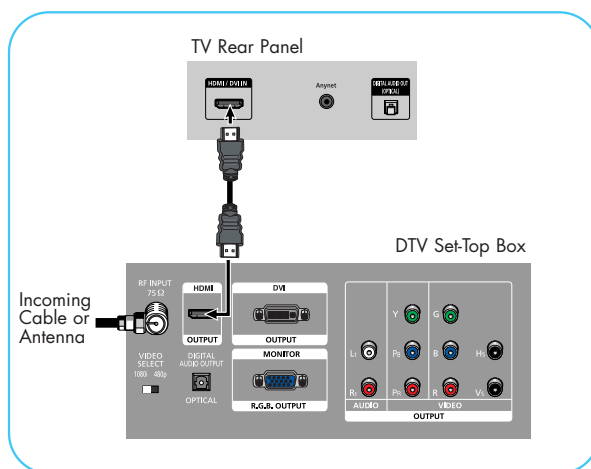**1** Connect an HDMI cable between the HDMI/DVI IN jack on the TV and the HDMI OUT jack on the Set-Top Box.

✎ • Make sure the HDMI/DVI source's power is on, or you will be unable to select it in the menu's source list.

TV Rear Panel

DTV Set-Top Box

Incoming Cable or Antenna

Connecting a Digital Audio System

There are many types of digital audio systems on the market today.
A simplified illustration of an audio system is shown below. For more information, see your audio system owner's manual.

1 If your audio system has a optical digital audio input, connect to the "DIGITAL AUDIO OUT(OPTICAL)" jack on the TV.

Be certain to remove the black cover from the optical output before inserting the cable.

✎ • OPTICAL: converts the electric signal into an optical light signal, and transmits it through glass fibers. A transmission system of digital audio in the form of a light wave, S/PDIF format using a glass conductor. See page 78 to set the digital output format (Dolby Digital or PCM) appropriate to you digital audio component.

TV Rear Panel

HDMI / DVI IN   Anynet   DIGITAL AUDIO OUT (OPTICAL)

Digital Audio Input
OPTICAL
COAXIAL
L · AUDIO IN · R
AUDIO OUT
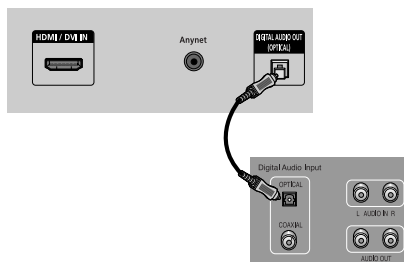
Connecting to an Analog Amplifier

1 The "AUDIO OUT" terminals cannot be used for external speakers. You must hook them up to an amplifier.

When an audio amplifier is connected to the "AUDIO OUT" terminals: Decrease the gain (volume) of the audio amplifier, and adjust the volume level with the volume control on the TV.

TV Rear Panel

COMPONENT IN
1   2
AV IN
1   AV OUT
S-VIDEO
VIDEO
AUDIO
DVI IN
AUDIO
Cable IN
Cable OUT
Air IN

L · OUTPUT · R
L · INPUT · R
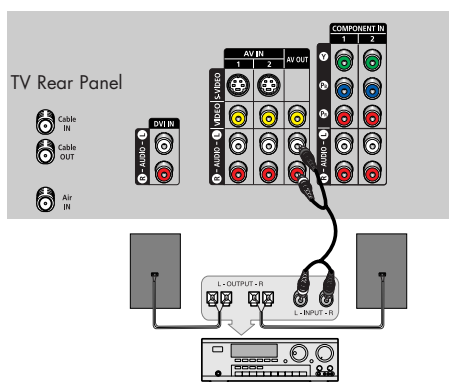
Remote Control

You can use the remote control up to about 23 feet from the TV. When using the remote control, always point it directly at the TV. You can also use your remote control to operate your VCR, Cable box, DVD player or Samsung Set-Top Box.

❶ POWER
Turns the TV on and off.

❷ P.MODE
Adjust the TV picture by selecting one of the preset factory settings (or select your personal, customized picture settings.)

❸ ANTENNA
Press to select "AIR" or "CABLE".

❹ CHANNEL NUMBER
Press to directly tune to a particular channel.

❺ –
Press to select additional channels (digital and analog) being broadcast by the same station. For example, to select channel "54-3", press "54", then press "-" and "3".

❻ VOL +, VOL -
Press to increase or decrease the volume.

❼ MUTE
Press to mute the TV sound.

❽ ANYNET
Runs the Anynet view functions and sets up Anynet devices.

❾ MENU
Displays the main on-screen menu.

❿ CH.LIST
Displays the channel list.

⓫ FAV.CH (Favorite Channel)
Press to switch between your favorite channels.

⓬ MODE
Selects a target device to be controlled by the Samsung remote control (i.e., TV, STB, VCR, CABLE, or DVD).

⓭ PRE-CH
Tunes to the previous channel.

⓮ SOURCE
Press to display all of the available video sources (i.e., TV, Set-Top box, VCR, DVD, DTV).

⓯ CH ∧/∨
Press to change channels. Moves from one set of screen information to the next in TV Guide menu.

⓰ INFO
Press to display information on the TV screen.

⓱ EXIT
Press to exit the menu.

⓲ ▲, ▼, ◄, ►, ENTER
Press to select highlight up, down, left, or right. While using the on-screen menus, press the ENTER to activate (or change) a particular item.

⓳ MTS (Multichannel Television Stereo)
Press to choose Stereo, Mono or SAP (Secondary Audio Program).

⓴ PIP (Picture In Picture)
Displays the available channels in sequence. (These buttons change channels in the PIP window only.)

㉑ STILL
Press to pause the current screen.

㉒ ASPECT
Press to change the screen size.

㉓ SRS
Activates TruSurround.

㉔ DNIe (Digital Natural Image engine)
Activates DNIe.

㉕ SET
Used during set up of this remote control, so that it will work compatibly with other devices (Set-Top box, VCR, Cable box, DVD, etc.)

㉖ SLEEP
Press to select a preset time interval for automatic shut off.

㉗ PIP CONTROLS
CH∧/∨; Press to display the available channels in sequence. (These buttons change channels in the PIP window only.)

㉘ CAPTION
Controls the caption decoder.

㉙ VCR/DVD CONTROLS
Controls VCR or DVD functions: Rewind, Stop, Play/Pause, Fast Forward.

㉚ RESET
If your remote control is not functioning properly, take out the batteries and press the reset button for about 2~3 seconds. Re-insert the batteries and try using the remote control again.
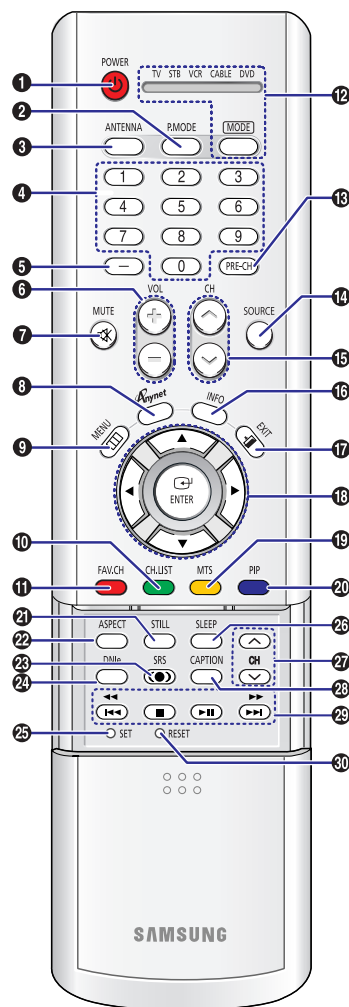
Turning the TV On and Off

Press the POWER button on the remote control.
You can also use the POWER button on the front panel.

Viewing the Menus and On-Screen Displays

The on-screen menu system allows you to control the settings of your TV. Access the on-screen menu system by pressing the Menu button on the remote control. Once the on-screen menu appears, use the ▲/▼/◄/►/ENTER buttons on your remote control to select menu items and make adjustments. You can also view the on-screen menu system and make some adjustments using the TV's side panel buttons.

Viewing the Menus

Before your television can begin memorizing the available channels, you must specify the type of signal source that is connected to the TV (i.e., an antenna or cable system).

1 Press the MENU button.
The main menu is displayed.
There are six menu groups: "Input", "Picture", "Sound", "Channel", "Setup", and "Guide".
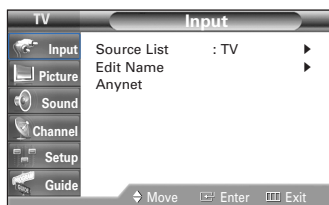
2 Press the ▲ or ▼ button to select an item you want in the menu.
Press the ◄, ► or ENTER button to display, change, or use the selected items. Use the ENTER button to enter items in the menu.

TV	Input	
Input	Source List : TV	►
Picture	Edit Name	►
Sound	Anynet	
Channel		
Setup		
Guide		
	◆ Move ⊞ Enter ⊞ Exit	

TV	Picture	
Input	Mode : Standard ►	
Picture	Color Tone : Warm1	►
Sound	Size : 16:9	►
Channel	Digital NR : On	►
Setup	DNIe : On	►
Guide	My Color Control	►
	▼ More	
	◆ Move ⊞ Enter ⊞ Return	

3 Press the EXIt button to exit.

Viewing the Display

Press the INFO button on the remote control.
The TV displays the current channel, the status of certain picture and sound settings and the current time.
The information displayed varies according to the selected source.

CABLE 3	
Picture Mode	Standard
Sound Mode	Custom
MTS	Stereo
Caption	Off
V-Chip	Off
No Time Information	

Memorizing the Channels

Your TV can memorize and store all of the available channels for both "off-air" (antenna) and cable channels. After the available channels are memorized, use the CH and CH buttons to scan through the channels. This eliminates the need to change channels by entering the channel digits. There are three steps for memorizing channels: selecting a broadcast source, memorizing the channels (automatic) and adding and deleting channels (manual).

Selecting the Video Signal Source
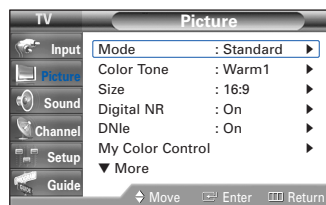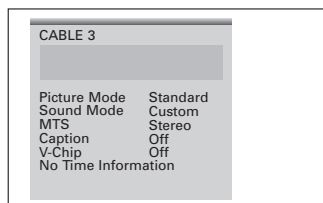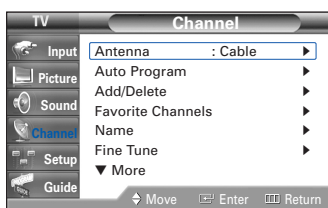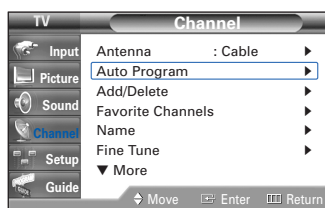
Before your television can begin memorizing the available channels, you must specify the type of signal source that is connected to the TV (i.e., an antenna or cable system).

1 Press the MENU button. Press the ▲ or ▼ button to select "Channel", then press the ENTER button.

TV	Channel	
Input	Antenna : Cable	▶
Picture	Auto Program	▶
Sound	Add/Delete	▶
	Favorite Channels	▶
Channel	Name	▶
Setup	Fine Tune	▶
Guide	▼ More	
	◆ Move Enter Return	

2 Press the ENTER button to select "Antenna".
Press the ▲ or ▼ button to select "Air" or "Cable", then press the ENTER button.

TV	Channel	
Input	Antenna	Air
Picture	Auto Program	Cable
Sound	Add/Delete	
	Favorite Channels	
Channel	Name	
Setup	Fine Tune	
Guide	▼ More	
	◆ Move Enter Return	

3 Press the ▲ or ▼ button to select "Auto Program", then press the ENTER button.

TV	Channel	
Input	Antenna : Cable	▶
Picture	Auto Program	▶
Sound	Add/Delete	▶
	Favorite Channels	▶
Channel	Name	▶
Setup	Fine Tune	▶
Guide	▼ More	
	◆ Move Enter Return	
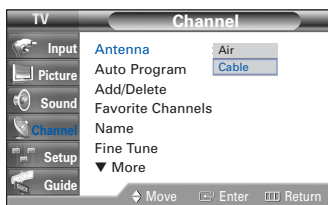
• All available DTV and analog channels are automatically stored in memory.

4 Press the ▲ or ▼ button to select the Antenna connection, then press the ENTER button.

- Air : "Air" antenna signal

  Cable : "Cable" antenna signal

  Air+Cable : "Air" and "Cable" antenna signals

- If the CableCARD is inserted into the"CableCARD" slot on the rear panel, "Cable" and "Air+Cable" are not available.

TV	**Auto Program**	
Input	Select the antennas to memorize	
Picture		
Sound	Air	Start
Channel	Cable	Start
Setup	Air+Cable	Start
Guide		
	◆ Move ⊡ Enter ⊞ Return	
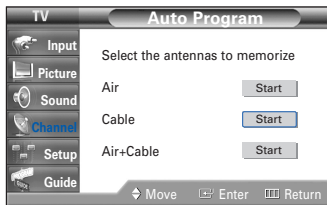
When selecting Cable TV system:

Press the ▲ or ▼ button to select "Cable", then press the ENTER button.
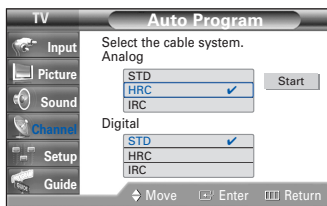
Press the ▲ or ▼ button to select Analog or Digital "STD","HRC" or "IRC" then press the ENTER button.
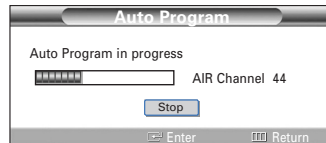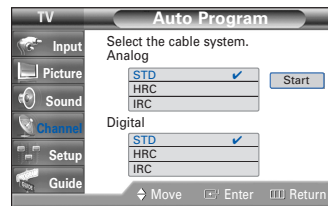
- STD, HRC and IRC identify various types of cable TV systems. Contact your local cable company to identify the type of cable system that exists in your particular area. At this point the signal source has been selected. Proceed to "Storing Channels in Memory".

TV	**Auto Program**	
Input	Select the cable system. Analog	
Picture	STD	Start
	HRC ✔	
	IRC	
Sound	Digital	
Channel	STD ✔	
Setup	HRC	
	IRC	
Guide		
	◆ Move ⊡ Enter ⊞ Return	

5 Press the ► button to select "Start", then press the ENTER button to start the auto program. The TV begins memorizing all available stations. Press the ENTER button at any time to interrupt the memorization process.

Press the EXIT button to exit.

- The TV MUST be connected to an antenna in order to receive digital TV signals. Even if a particular channel is deleted from the memory, you can always tune to that channel directly by using the number buttons on the remote control.

TV	**Auto Program**	
Input	Select the cable system. Analog	
Picture	STD ✔	Start
	HRC	
Sound	IRC	
	Digital	
Channel	STD ✔	
Setup	HRC	
	IRC	
Guide		
	◆ Move ⊡ Enter ⊞ Return	

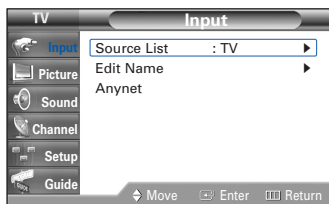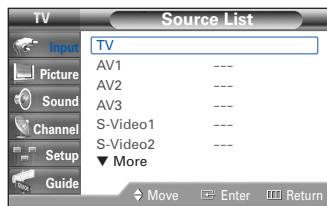| **Auto Program** |
| --- |
| Auto Program in progress |
| ▰▰▰▰▱▱▱ AIR Channel 44 |
| Stop |
| ⊡ Enter   ⊞ Return |

Viewing an External Signal Source

Use the remote control to switch between viewing signals from connected equipment, such as a VCR, DVD, Set-Top box or the TV source (broadcast or cable).

Setting the Signal Source

**1** Press the MENU button. Press the ENTER button to select "Input".

TV	**Input**	
🖝 **Input**	Source List : TV	▶
🖵 Picture	Edit Name	▶
🔊 Sound	Anynet	
📺 Channel		
🖳 Setup		
Guide	◆ Move ↵ Enter ▥ Return	

2 Press the ENTER button to select "Source List". Press the ▲ or ▼ button to select a signal source, then press the ENTER button.

TV	**Source List**	
🖝 **Input**	TV	
🖵 Picture	AV1 ---	
🔊 Sound	AV2 ---	
📺 Channel	AV3 ---	
🖳 Setup	S-Video1 ---	
	S-Video2 ---	
Guide	▼ More	
	◆ Move ↵ Enter ▥ Return	

• When you connect equipment to the TV, you can choose between the following sets of jacks: "AV1", "AV2", "S-Video1", "S-Video2", "Component1", "Component2" or "HDMI/DVI" on the TV's rear panel and "AV3" or "S-Video3" on the TV's side panel.

• HDMI input can be selected only when the external device is turned on and connected to the TV.
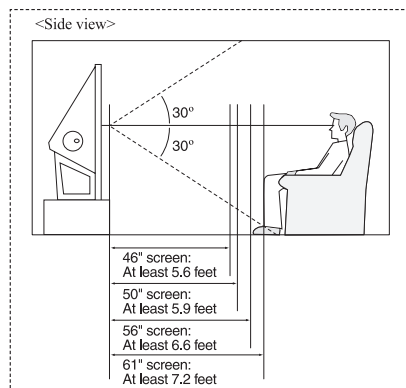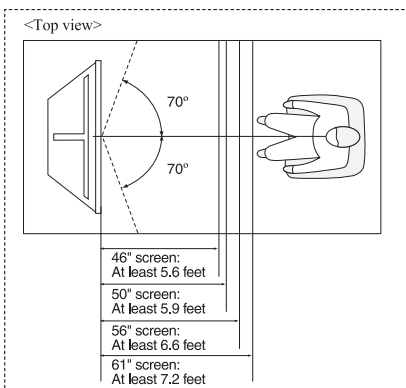
Alternate method

Press the SOURCE button on the remote control repeatedly to select an external signal source.

> AV1
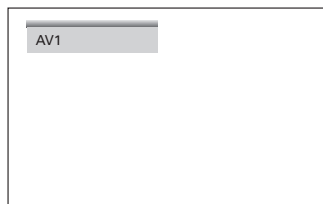
Viewing Position

To optimize your viewing comfort, please follow the guidelines below for viewing distance. If viewing for an extended period of time, sit as far back from the screen as possible.

<Top view>

70°
70°

46" screen:
At least 5.6 feet
50" screen:
At least 5.9 feet
56" screen:
At least 6.6 feet
61" screen:
At least 7.2 feet

<Side view>

30°
30°

46" screen:
At least 5.6 feet
50" screen:
At least 5.9 feet
56" screen:
At least 6.6 feet
61" screen:
At least 7.2 feet

Replacing the Lamp

Why do I need to replace the lamp?

The lamp used in a DLP TV has a limited lifespan. For the best screen quality it needs to be replaced periodically. After replacing the lamp, the screen quality will be bright and clear as new.

When do I need to replace it?

It should be replaced when the screen becomes darker, less clear or when all three LEDs on the front (Timer, Lamp, & Temp.) are flashing.

Check before lamp replacement

1. The lamp must be the same code number and type.
2. The lamp type is indicated on the right side of the TV. It is also indicated on the lamp case.
3. After checking the code number for the lamp, give the code number to the store where you purchased the TV or to a Samsung Service center.

Caution

1. Replace with the correct code numbered lamp to avoid damage to the TV.
2. Turn the power off and wait for 30 minutes before replacing the lamp as it will be hot.
3. Do not touch the glass part of the lamp with your bare hands nor insert any foreign object inside the cover as it may cause poor screen quality, electric shock or fire.
4. Do not place the old lamp near flammable objects or within the reach of children.
5. Be sure to connect this TV directly to an AC wall outlet. If the TV's AC plug is connected to a cable box or other source, it will not allow for proper cool down time.

For replacement, you will need a 5.91-Inch screwdriver and a pair of gloves.

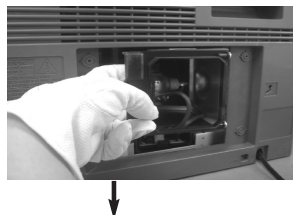**1** Unplug TV, then use a screwdriver to remove the screw.

2 Remove the Lamp cover.

3 Remove the screw securing the Lamp by using a screwdriver.

4 Separate the Lamp from the engine by holding the handle and pulling it out.

5 To reinstall the Lamp, follow these steps in reverse order.

- Be sure the replacement Lamp is the same type.
- After replacing the lamp, align the lamp cover with the groove and secure the screws.
- The TV will not turn on if the lamp cover is not correctly closed (as this will activate the protective circuit).

Front Panel LED Indicators

The three lights on the front panel indicate the status of your TV.

● : Light is On   ◑ : Light is Blinking   ○ : Light is Off

TIMER	LAMP	STAND BY/TEMP	Indication
○	○	●	Standby state.
○	◑	○	The picture will automatically appear in about 15 seconds.
●	◑	○	Auto Timer ON/OFF has been set and the set will automatically be turned on in about 25 seconds.
◑	○	◑	A cooling fan inside the set is not operating normally.
○	◑	◑	Lamp cover on rear of the set is not properly shut.
○	○	◑	Check if the ventilation hole on the rear of the set is blocked, because if the inner temperature is too high, the power will shut off.
◑	◑	◑	Lamp may be defective. Please contact a certified technician.

- It takes about 30 seconds for the TV to warm up, so normal brightness may not appear immediately.
- The TV has a fan to keep the inside lamp from overheating. You'll occasionally hear it working.

Troubleshooting

> **Note**
>
> **If the TV seems to have a problem, first try this list of possible problems and solutions. If none of these troubleshooting tips apply, then call your nearest Samsung authorized service center.**

Poor picture quality.

Try another channel.
Adjust the antenna.
Check all wire connections.

Poor sound quality.

Try another channel.
Adjust the antenna.
Make sure the MUTE button is off.

No picture or sound.

Try another channel.
Press the SOURCE button.
Make sure the TV is plugged in.
Check the antenna connections.

No color, wrong colors or tints.

Make sure the program is broadcasted in color.
Adjust the picture settings.

Picture rolls vertically.

Adjust the antenna.
Check all wire connections.
If you are using a VCR, check the tracking.

The TV operates erratically.

Unplug the TV for 30 seconds, then try operating it again.

Your remote control does not operate your TV.

Press the Mode button to put your remote control into TV mode.
Make sure the remote has batteries.

The TV won't switch on.

Make sure the wall outlet is working.
Make sure the TV is plugged in.
Make sure the remote has batteries.

Digital broadcasting screen problem.

Please check the digital signal strength and input antenna.

- The display panel used for the DLP TV is composed of many tiny pixels. These pixels may occasionally appear on the screen.

Memo